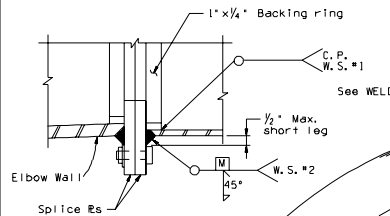


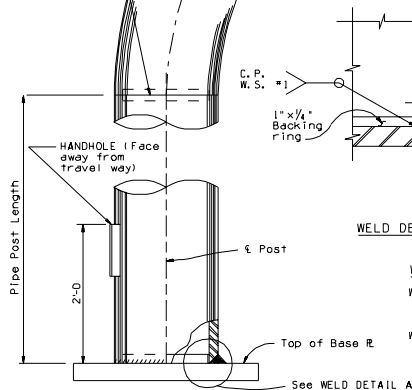
FORMA. REVISION	STATE	PROJECT NO.	SHEET NO.	SHEETS	AS BUILT
9	ARIZ.				



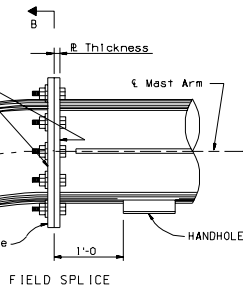
WELD DETAIL C

NOTE: Weld details for mast arm are typical for elbow.

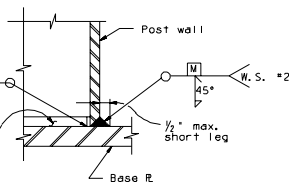
Optional Shop Splice
See WELD DETAIL B



POST BASE ELEVATION



FIELD SPLICE



WELD DETAIL A

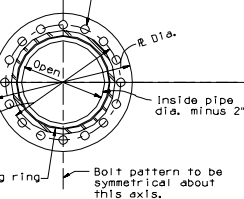
WELD SEQUENCE NOTES:

W.S. #1 The Backing Ring shall be attached to the Base Plate with a full penetration weld.

W.S. #2 Attach the post wall to the Base Plate Assembly with a full penetration weld. Preheat per AWS requirements.

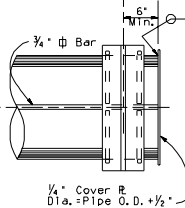
Field Splice					
Type	Pipe Dia.	R Dia.	Thickness	No. of bolts	B.C. Dia.
1C	16"	21"	1 1/4"	22	18 1/2"
2C	18"	23"	1 1/4"	26	20 1/2"
3C	20"	25"	1 1/4"	29	22 1/2"
4C	22"	27"	1 1/2"	31	24 1/2"

3/4" ϕ ASTM A-325N bolts equally spaced, torque to tension of 28k. Bolt hole dia. 1/2". See table for other details. All A325 bolts shall be installed in accordance with Subsection 604-2.03(c) of the Standard Specifications.

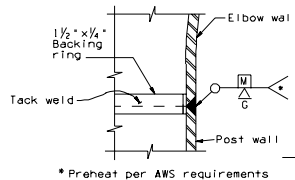


SECTION B-B

WT4 mounting bracket



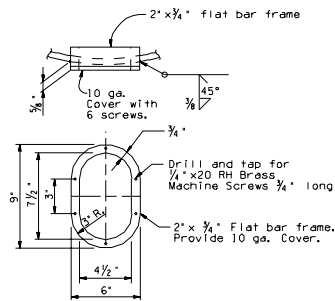
MAST ARM END DETAIL



WELD DETAIL B

* Preheat per AWS requirements

3/8" Dia. N.C. Tapped hole for attachment of grounding conductor



HANDHOLE & COVER DETAILS

DESIGN APPROVED <i>James R. Ryan</i>		ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION BRIDGE GROUP STRUCTURE DETAIL	
CHECKED BY <i>Thomas Brown</i>		TUBULAR SIGN STRUCTURES TUBULAR CANTILEVER POST AND MAST ARM DETAILS	
ROUTE	LOCATION	FORM NO.	SD 9.10 (3of5)
TRACS NO.			OF

NOTE:

For Base R Details see Dwg. 2 of 5